

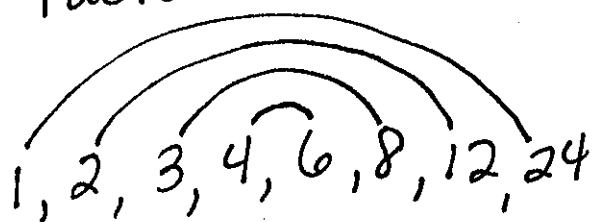
8-17-12

FACTORS

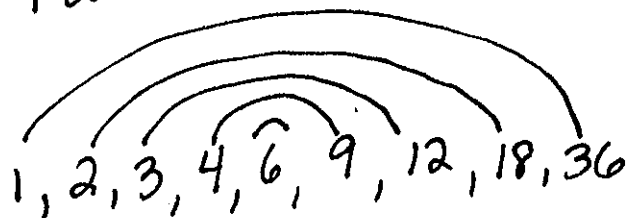
- #s are being multiplied
- #s that can go into others equally

List factors (always start w/ 1)

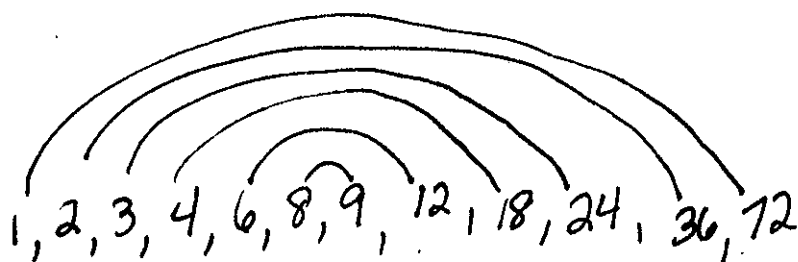
Ex: Factors of 24



Ex: Factors of 36



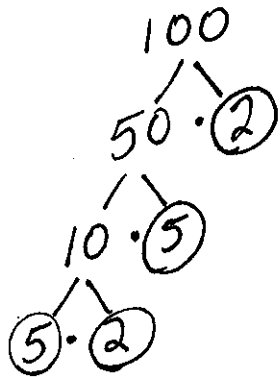
Ex: Factors of 72



PRIME FACTORIZATION

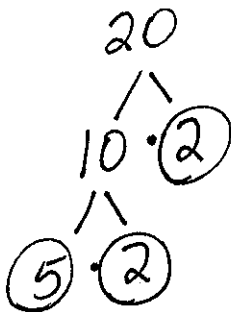
- Breaking a # down to only its prime # factors
- * * Use Divisibility Rules to help you
- Give the final answer in exponential form.

Ex:



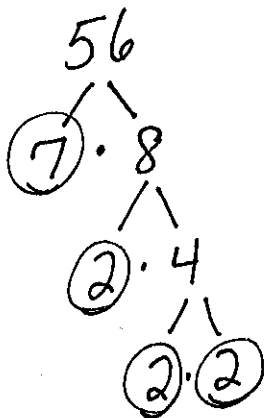
$$2^2 \cdot 5^2$$

Ex:



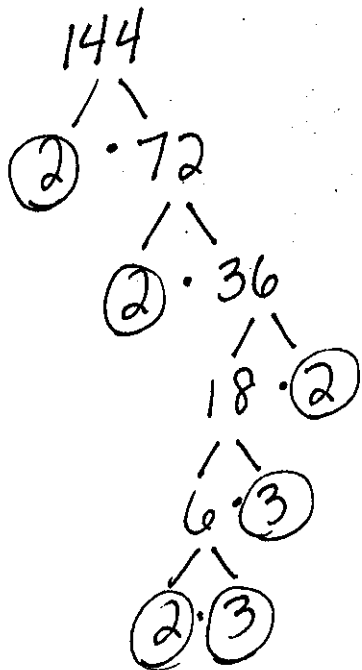
$$2^2 \cdot 5$$

Ex:



$$2^3 \cdot 7$$

Ex:



$$2^4 \cdot 3^2$$